Index of Claims

| _ | Application No. | Applicant(s)     |
|---|-----------------|------------------|
|   | 09/918,685      | PARK, BYUNG JOON |
|   | Examiner        | Art Unit         |
|   | Shabana Qureshi | 2155             |

| 1 | Rej cted | _ | - | (Thr ugh numeral)<br>Cancelled |
|---|----------|---|---|--------------------------------|
|   | Allowed  | - | ÷ | Restricted                     |

| N | N n-Elected  | A | App al   |
|---|--------------|---|----------|
| I | Interference | 0 | Objected |

| Claim         |              | Date             |          |         |  |                     | Cla      | Claim Date |              |                 |          |               |          | CI       | aim     | Date      |           |          |            |   |              |  |  |          |          |          |
|---------------|--------------|------------------|----------|---------|--|---------------------|----------|------------|--------------|-----------------|----------|---------------|----------|----------|---------|-----------|-----------|----------|------------|---|--------------|--|--|----------|----------|----------|
|               | <del>-</del> | 4 ]              |          |         |  | ]                   |          |            | <del>-</del> |                 |          |               |          |          |         |           |           |          | न्न        |   |              |  |  | 1        |          |          |
| Final         | Original     | 12/13/04         |          |         |  |                     |          | Final      | Original     |                 |          |               |          |          |         |           |           | Final    | Original   |   |              |  | l  |          |          | i        |
| iĪ            | 풀            | ∑                |          |         |  |                     |          | iΞ         | į            | l               |          |               |          |          |         |           |           | iI,      | Ä          |   |              |  |  |          |          |          |
|               |              | الما             |          | Ш       |  | $\bot$              |          | <u> </u>   |              |                 | _        | $\perp$       | 4        | _        |         | _         | Ш         |          | 1          | $\perp$   | _            |  | $\Box$   | _        | 4        | $\bot$   |
|               |              | ブロ               |          | Ш       | $\perp \downarrow$                               | $\perp$             | _        |            | 51           |                 | _        | _             | _        | _        | _       | $\perp$   | Ш         |          | 101        |   | ┷            | Щ  | Щ  | _        | 4        | $\bot$   |
|               | 2            | $\triangleleft$  |          | 1_      | <u> </u>   | $\perp \perp \perp$ | _        |            | 52           | $\Box$          | _        | _             | _        | $\perp$  | 1       | $\perp$   | Ш         |          | 102        |   |              |  |  | _        | 4        | $\bot$   |
|               | 3            | 4                |          |         |  | $\dashv$            |          |            | 53           |                 | _        | _             | 4        | 4.       |         | _         | Ш         | L        | 103        | $\sqcup \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$ |              |  |  | $\dashv$ | $\bot$   | _        |
|               | 4            | 7                |          | $\perp$ |  | $\perp$             |          |            | 54           | _               | _        | _             | 4        | 4        | 1.      | _         | Ш         |          | 104        | $\vdash$  | +            |  |  | _        | +        | +        |
| $\vdash$      |              |                  |          | 4       | $\vdash$   | $\dashv$            | _        |            | 55           | $\dashv$        |          | +             | +        | +        | +       | +-        | $\vdash$  | <u> </u> | 105        | $\vdash$  | -            | -  | $\dashv$   | $\dashv$ | +        | +        |
| $\vdash$      | 6            | 4                |          | +       | $\vdash$   | +                   | _        |            | 56           | $\dashv$        |          | -             | +        | +        | +       | +         | $\vdash$  | <u> </u> | 106        | $\vdash$  | +            |  | $\vdash$   | $\dashv$ | +        | +        |
| <b>├</b> ─┼   | 7            |                  | +        |         | ┞╾┼  | +                   | _        |            | 57           | $\dashv$        | -        | -             | +        | +        | +       |           | $\vdash$  | <u> </u> | 107<br>108 |   | +            | Н  |  | $\dashv$ | +        | +        |
|               | 8            |                  |          | +       | $\vdash$   | +                   | -        |            | 58<br>59     | $\dashv$        | $\dashv$ | +             | +        | +        | +-      | ╁         | ╁         | -        | 109        | $\vdash$  | +            | Н  | $\dashv$   | $\dashv$ | +        |          |
|               | 9            |                  |          | +       | $\vdash$   | +                   |          | <b>—</b>   | 60           | $\dashv$        | $\dashv$ | $\dashv$      | +        | +        | ┿       | ┿         | H         | <b></b>  | 110        | $\vdash$  | +            | -  |  | $\dashv$ | +        | +        |
|               | 10<br>11     | Y                |          | +       | $\vdash$   | +                   | $\dashv$ | $\vdash$   | 61           | $\vdash$        | $\dashv$ | $\dashv$      | +        | +        | +       | +-        | ++        | -        | 111        | $\vdash$  | +            | H  | ┝╼┤  | +        | +        | +        |
|               |              | <u>:/</u>        | +        | +       | <del>                                     </del> | $\dashv \dashv$     | $\dashv$ | -          | 62           | H               | $\dashv$ | $\dashv$      | +        | +        | +       | +         | ++        |          | 112        | -   | +            | Н  | $\vdash$   | $\dashv$ | +        | +        |
|               | 13           |                  | -        | +       | $\vdash$   | +                   |          | -          | 63           | $\vdash \vdash$ | $\dashv$ | +             | +        | +        | +       | +         | H         | -        | 113        | $\vdash$  | +            |  | $\vdash$   | $\dashv$ | 十        | +        |
|               | 14           | 7                |          | +       | $\vdash$   | +                   | $\dashv$ | -          | 64           | $\vdash$        | -+       | $\dashv$      | +        | +        | +       | +         | $\forall$ | <u> </u> | 114        | $\vdash$  | $\top$       | -  | $\vdash$   | $\dashv$ | +        | +        |
|               | 15           |                  | +        | +       |  | $\dashv \dashv$     | $\dashv$ |            | 65           | $\vdash$        | $\dashv$ | $\dashv$      | +        | +        | +-      | $\dagger$ | H         |          | 115        | $\vdash$  | +            | $\vdash$   | $\vdash$   | $\dashv$ | +        | +        |
| <del> </del>  | 16           | 7                | +        | +       | $\vdash$   | $\dashv$            | $\dashv$ |            | 66           | $\forall$       | $\dashv$ | $\dashv$      | $\dashv$ | +        | $\top$  | T         | $\sqcap$  |          | 116        | $\vdash$  | +            |  | H  | +        | 十        | $\top$   |
|               | 17           | Ŭ                | _        | $\top$  | $\vdash$   | $\dashv \dashv$     | $\neg$   |            | 67           | Н               | 寸        | 十             | $\dashv$ | $\dashv$ | $\top$  | T         | $\sqcap$  |          | 117        |   |              |  | П  | $\dashv$ | 十        | $\top$   |
|               | 18           | <b>7</b>         |          | 1       |  | $\top$              | _        |            | 68           |                 |          | 1             | T        | 十        | T       | ┪         | $\Box$    |          | 118        |   |              |  | П  | $\neg$   | 十        | $\top$   |
|               | 19           | 7                |          | 1       | Ħ  |                     |          |            | 69           |                 |          |               | T        | $\top$   | 十       | $\top$    |           |          | 119        |   | 十一           |  | П  | ヿ        | 十        | $\top$   |
|               | 20           |                  |          | 1       |  | $\neg$              |          |            | 70           | П               |          | T             |          |          | 1       |           |           |          | 120        |   | 丁            |  |  |          | $\top$   | $\top$   |
|               | 21           | V                |          |         |  |                     |          | -          | 71           |                 |          |               | T        | T        | Т       | Τ         |           |          | 121        | П   | $\top$       | П  | П  |          | П        | $\top$   |
|               | 22           |                  |          |         |  |                     |          |            | 72           |                 |          |               | ╗        | T        | $\top$  | Τ         |           |          | 122        |   |              |  |  |          | T        |          |
|               | 23           |                  |          |         |  |                     |          |            | 73           |                 |          |               |          |          |         |           |           |          | 123        |   |              |  |  |          | $\Box$   |          |
|               | 24           | 7                |          |         |  |                     |          |            | 74           |                 |          |               |          |          | Т       | $\Box$    |           |          | 124        |   |              |  |  |          | $\Box$   |          |
|               | 25           | V.               |          |         |  |                     |          |            | 75           |                 |          |               |          |          |         |           |           |          | 125        |   |              |  |  |          | $\perp$  |          |
|               | 26           | Z                |          |         |  |                     |          |            | 76           |                 |          |               |          |          |         |           |           |          | 126        |   |              |  |  |          | $\perp$  |          |
|               | 27           |                  |          |         |  |                     |          |            | 77           |                 |          |               |          |          | $\perp$ | ┖         |           |          | 127        |   |              |  | Ш  | $\perp$  | $\perp$  |          |
|               | 28           | <b>(/</b> )      |          |         |  |                     | _        |            | 78           | Ш               | _        |               | _        | _        | ┸       | ┖         | Ш         |          | 128        | $\sqcup \bot$   | Ц_           | $oxed{oxed}$                                     | Ш  | _        | 4        |          |
|               | 29           | <b>ÿ</b>  -      |          |         |  | $\perp$             |          |            | 79           | Ш               | _        | $\rightarrow$ | 4        | $\perp$  | ╧       | ┸         | Ш         |          | 129        |   | $\bot$       |  |  | _        | 4        | 4        |
|               | 30           | ~                | $\perp$  |         | Ш  | $\perp$             | _        |            | 80           | Ш               | _        | _             | 4        | $\perp$  | $\bot$  | ┸         | Ш         | -        | 130        |   | $\bot$       |  | Ш  |          | 4        | 4        |
|               | 31           | <u>V</u>         | $\perp$  | —       | $\vdash \vdash$                                  |                     |          |            | 81           | Ш               | _        | _             | $\dashv$ | $\perp$  | -       | +         | $\sqcup$  |          | 131        | -   | _            | $\vdash$   | $\mid \rightarrow \mid$                          | -        | +        | +        |
|               | 32           | <u> </u>         | -        | +       | $\vdash \vdash$                                  | $\dashv$            | _        | -          | 82           | $\vdash$        |          | $\dashv$      | $\dashv$ | +        | +       | +         | H         | <u> </u> | 132        | -   | +            |  | $\vdash$   | +        | +        | +        |
|               | 33           | $\mathcal{L}$    | -        | +       | $\vdash$   | +                   | $\dashv$ | -          | 83           | -               | -        | $\dashv$      | +        | +        | +       | +         | $\vdash$  |          | 133        | $\vdash \vdash$   | +            |  | $\vdash$   | $\dashv$ | +        | +        |
|               | 34           | <b>V</b>         | +        | +       | - -  | $\dashv\dashv$      | $\dashv$ | -          | 84<br>85     | Н               | $\dashv$ | +             | +        | +        | +       | +         | +-        |          | 134<br>135 | $\vdash$  | +-           | -  | $\vdash$   | $\dashv$ | +        | +        |
|               | 35           | 4                | $\vdash$ | +-      | ╁┼   | +                   | $\dashv$ | -          | 86           | $\vdash$        | -1       | +             | +        | +        | +       | +         | +         | -        | 136        | $\vdash \vdash$   | +            | $\vdash$   | $\vdash$   | $\dashv$ | +        | +        |
|               | 36           | <del>V</del>     | +        | +       | ╁  | +                   | $\dashv$ | -          | 87           | $\vdash$        | $\dashv$ | +             | +        | +        | +       | +-        | +         | -        | 137        | ├ ┼-  | +            | Н  | $\vdash$   | $\dashv$ | +        | +        |
|               | 37<br>38     | <u> </u>         |          | +       | $\vdash \vdash$                                  | +                   | _        |            | 88           | $\vdash \vdash$ |          | +             | +        | +        | +       | +         | H         |          | 138        | <del>  -</del>  | +            |  | $\mid - \mid$                                    | $\dashv$ | +        | +        |
|               | 39           | 4                | -+       | +       | <del>                                     </del> | $\dashv$            | $\dashv$ | -          | 89           | Н               | $\dashv$ | +             | +        | +        | +       | +         | +         | -        | 139        | <del>                                     </del>                  | +            | <del>                                     </del> | $\vdash$   | $\dashv$ | $\dashv$ |          |
|               | 40           | <i>i/</i>        | $\vdash$ | +       | $\vdash$   | $\dashv \dashv$     | $\dashv$ | -          | 90           | Н               |          | +             | +        | +        | +       | +         | +         | -        | 140        | $\vdash$  | +            | ┢  | $\vdash \vdash$                                  | $\dashv$ | $\dashv$ | -        |
| $\overline{}$ |              |                  | +        | +       | $\vdash$   | $\dashv$            | $\dashv$ |            | 91           | H               | -        | $\dashv$      | +        | +        | +       | +         | $\forall$ | -        | 141        | ┝╌┼╴  | +            | $\vdash$   | <del>                                     </del> | $\dashv$ | +        | $\dashv$ |
|               | 42           | У                | +        | +-      |  | +                   | $\dashv$ |            | 92           | Н               | $\dashv$ | $\dashv$      | $\dashv$ | +        | +       | +         | H         | <u> </u> | 142        | $\vdash \vdash$   | +-           | $\vdash$   | H  | -        | +        | +        |
|               | 43           | <del>"    </del> |          | +       | $\vdash$   | $\top$              | $\dashv$ |            | 93           | $\vdash$        | -        | +             | $\dashv$ | +        | +       | +         | H         |          | 143        | $\vdash \vdash$   | +            | ┢  | $\vdash \vdash$                                  | $\dashv$ | 十        | $\dashv$ |
|               | 44           | $\dashv$         | +        | +-      | $\vdash \vdash$                                  | +                   | $\dashv$ |            | 94           | H               | -        | $\dashv$      | $\top$   | +        | +       | +         | H         |          | 144        |   | $\top$       | Т  | -  | $\dashv$ | 十        | $\top$   |
|               | 45           | $\dashv \dashv$  | -        | $\top$  | -  | $\top$              | $\dashv$ |            | 95           | $\vdash$        | $\neg$   | $\dashv$      | $\dashv$ | $\top$   | $\top$  | +         | H         |          | 145        | $\vdash$  | $\top$       | Г  | H  | _        | $\dashv$ | $\top$   |
|               | 46           | $\dashv \dashv$  | $\dashv$ | 1       | $\vdash$   | $\top$              | $\dashv$ |            | 96           | $\vdash$        | 一        | 7             | 十        | 十        | $\top$  | 十         | $\forall$ |          | 146        | -   | $\top$       | Г  | Н  | $\dashv$ | $\top$   | $\top$   |
|               | 47           | _                | $\neg$   | $\top$  |  |                     | $\dashv$ |            | 97           |                 | $\neg$   | 十             | 十        | $\top$   | 1       | T         | $\sqcap$  |          | 147        | - -   | $\top$       |  | П  | $\dashv$ | 十        | 丁        |
|               | 48           | $\neg   \neg  $  |          | $\top$  |  | $\top$              | $\neg$   |            | 98           | П               | _        | $\neg$        | 1        | +        | Τ.      | $\top$    | П         |          | 148        | $\sqcap$  | $\top$       |  | П  | _        | 十        | $\top$   |
|               | 49           | $\dashv$         | $\top$   | T       | $\sqcap$   | $\Box$              | $\neg$   |            | 99           | П               |          | T             | 十        | 十        | ┪       | $\top$    | $\sqcap$  |          | 149        | $\Box$  | $\top$       | Γ  | П  | $\dashv$ | 十        | 丁        |
|               | 50           |                  |          |         |  |                     |          |            | 100          |                 | ╗        |               | I        |          | Ι       | Ι         |           |          | 150        |   | $oxed{oxed}$ |  |  |          |          | I        |